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NAL/LAND-GRANT UNIVERSITY STATE AGRICULTURAL PUBLICATIONS PROGRAM REPORT AND RECOMMENDATIONS

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BACKGROUND

State agricultural publications are a valuable resource for researchers, students, the agribusiness community, farmers, and the general public, as well as for agricultural historians, rural sociologists, and anthropologists. Yet, because of the difficulties inherent in tracking and providing access to this literature, the information contained in these publications has been severely underutilized. (For a more detailed discussion of bibliographic access and control of these publications see Eleanor Mathews, "Bibliographic Access to State Agricultural Experiment Station Publications," *IAALD Quarterly Bulletin*, XXXII (4):193-199, 1987; and Sarah E. Thomas, "A coordinated program for state agricultural publications: A cooperative project of the National Agricultural Library and land-grant university libraries," *College and Research Libraries News*, 49(7):425-430, July/August 1988.)

As described in its mission statement, the National Agricultural Library (NAL) serves as the nation's chief information resource for agriculture and its allied sciences. Because it is the ultimate source and repository of agricultural information, it collects materials as comprehensively as possible and provides bibliographical access to them through the AGRICOLA data base. In the case of state agricultural publications, NAL relies upon the assistance and advice of the land-grant university libraries in acquiring and controlling a group of materials published in varied formats with many bibliographical problems.

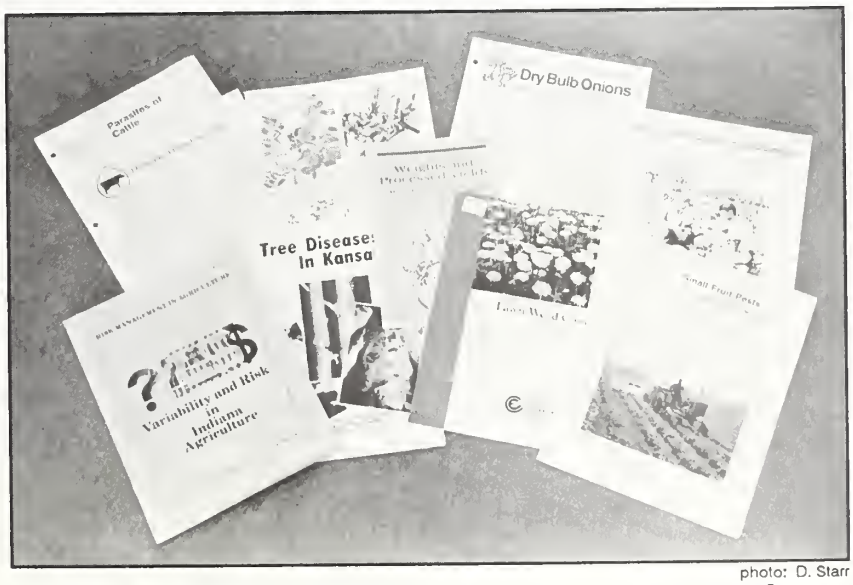


photo: D. Starr

A selection of publications from the Cooperative Extension Services of various States.

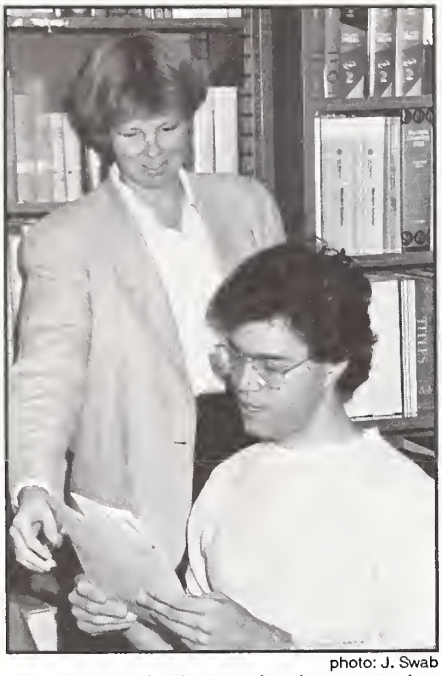


photo: J. Swab

A typical publication begins its processing journey in NAL's Gift and Exchange Unit in the Acquisitions and Serials Branch. Here Susan Fugate, head of the unit, and Jeffrey Maier discuss a problem with a new series.

Since the early 1970's the land-grant libraries and NAL have cooperated in acquiring these materials through Memoranda of Understanding in which each land-grant library agreed to collect and retain copies of the experiment station, extension, and college of agriculture publications produced in its state, and to provide reference and interlibrary loan services for them. In addition, the publications of 46 states have been preserved on microfilm through cost-sharing agreements between NAL and the land-grant institutions.

In 1984 the National Agricultural Library initiated the NAL/Land-Grant University State Agricultural Publications Program, in which it was proposed that the land-grant university library in each state acquire copies of state agricultural documents for itself and NAL, catalog those items appropriate for full-level cataloging, and serve as the primary source for document requests. Participating libraries forward copies of each publication, accompanied by a print-out of its cataloging record, to NAL to add to its collections. NAL supplements this record with AGRICOLA category codes and its own local information, such as call numbers. Those publications which the land-grant university library had not found suitable for cataloging at its own institution are indexed at NAL. Records for all items are incorporated into the AGRICOLA data base and are also contributed to FAO's AGRIS data base, further increasing their worldwide access.

Libraries in forty-three (43) states are participating in this Program, sometimes also referred to as the State Publications Project. As might be expected with so many participants, all aspects of the Program are not functioning smoothly. Not all libraries participate fully, and some of NAL's procedures are cumbersome and need streamlining. Eleanor Mathews, an Information Services Librarian at Iowa State University, examined the Program during Spring 1988 and made recommendations on how it could be improved. Ms. Mathews, who has written and published articles about experiment station publications, brings both the land-grant library and public service perspective to this Program. Her recommendations follow.

RECOMMENDATIONS

Procedures

Procedures for the acquisition and processing of these materials have been cumbersome at both the land-grant libraries and NAL. For any of several reasons some libraries are not participating in the cataloging portion of the Program: either they do not want to upset already well-established arrangements on their campuses for sending materials to NAL; or they do not catalog or analyze these publications because of tradition or staffing shortages; or they do not want to add another whole series of steps to their technical services processing in order to send the cataloging copy with the publication. At NAL, procedures for acquisition of these publications were set up separately from the gift unit's already established procedures, and a special mailing address was instituted. The following changes are aimed at simplifying the acquisition and cataloging procedures.

Acquisition

The land-grant libraries will be asked to send a list of the series titles they collect and retain (both ceased and continuing) along with the addresses and names of contact persons of the units or offices on their campuses that supply the publications to their libraries. At NAL, the gift unit in the Acquisitions/Serials Branch will assume responsibility for acquiring these materials, using the lists supplied by the libraries to update its records.

The land-grant libraries will no longer be required to send



photo: J. Swab

Many of the publications received are routed to the Indexing Branch for inclusion in the AGRICOLA data base. William Longenecker (center), principal indexer of State publications, discusses them with Shirley Edwards, Head of the Branch (left), and Arlene Sperber, who is responsible for quality control of this indexing.

copies of the publications to NAL, and the special mailing address will be dropped. The Acquisitions/Serials Branch will begin to claim missing issues on an annual cycle with each state's publications examined once a year for completeness, new titles, title changes, etc.

Cataloging

Libraries participating in the cataloging portion of the Program will no longer be required to send copies of the publications to NAL. Also, they will not have to send copies of their cataloging records. NAL will request that the libraries give priority treatment to these publications, cataloging or analyzing them within three months of receipt in their libraries, using AACR2 and inputting the records into OCLC or RLIN. NAL will search the OCLC and RLIN databases for cataloging records.

To improve access to state agricultural publications, it is recommended that the land-grant libraries not already doing so will be asked to begin cataloging monographic series titles and analyzing individual publications in significant series, as well as cataloging monographs. "Significant series" will be mutually agreed upon by NAL and the land-grant library. Special arrangements will be made for libraries using an online bibliographic network other than OCLC.

Coordination

The National Agricultural Library will appoint a member of the Technical Services Division staff to coordinate the Program. The coordinator will be able to work closely with the land-grant libraries as well as working within NAL to implement policy decisions concerning the Program and to solve processing problems. In addition, each Technical Services Division Branch at NAL will designate a contact person to oversee the State Publications Program activity in each area of functional responsibility. This should help with problem resolution and give state publications an even higher profile at NAL.



photo: J. Swab

Catalogers Michael Esman and Frances Mark (standing), and Char Harre, Secretary of the Cataloging Branch review the newest version of the "State Publications List."

FUTURE PLANS

Land-Grant Library Participation

One of the goals of this Program is to ensure bibliographical and physical access to state publications by having libraries from all fifty (50) states participate. Presently, some libraries take part only at the minimum level, *i.e.,* collecting and retaining experiment station, extension, and college of agriculture publications, and offering reference and interlibrary loan services. Other libraries also participate in the cataloging portion of this Program. NAL wants to encourage at least minimum level participation by *all* land-grant libraries, the minimum being the provision of document delivery services for these materials. As might be expected, NAL is also working toward the goal of having all libraries share in cataloging state agricultural materials.

Many land-grant libraries are under financial constraints that make them unable to assign staff to catalog, analyze, and index state publications. Two projects with successful land-grant participation, the Regional Document Delivery Service and the microfilming preservation project, have both been funded, to some degree, by NAL. NAL is looking into ways of making participation more attractive for land-grant libraries, such as arranging for ENHANCE status for selective items input into OCLC and offering remote access to NAL's online catalog, ISIS, or some other form of compensation.



photo: J. Swab

Karen Reed and Camille Storck create indexing records for State publications which can be searched online in AGRICOLA and ISIS.

List of Series Titles

The National Agricultural Library has the opportunity to create a comprehensive list of series titles published by the experiment stations and the state extension services. At the beginning of the Program, Patricia John, formerly Head of the Cataloging Branch and now Coordinator of NAL's Rural Information Center, compiled a list of series titles currently received at NAL which has been kept up-to-date by the Cataloging Branch. When NAL's list is merged with the lists supplied by the land-grant libraries, a comprehensive list of series titles of experiment station and extension publications will be available. The final editing will be done by the coordinator of the Program and copies will be distributed to the land-grant libraries. This resource should be a valuable aid in collection development and also in providing reference and interlibrary loan service.

Coverage of State Agricultural Materials

When NAL began this Program, its primary goal was to collect systematically all experiment station, extension, and college of agriculture publications. Future plans are to include theses on agricultural topics, materials from research institutes and centers both on and off the campus, and publications produced by state governmental agencies from departments such as agriculture, natural resources, economic development, and community and regional planning. So far, the only publications considered part of this Program are ones from units and agencies on land-grant university campuses. Once the technical processing procedures are running smoothly, acquisition and cataloging of other state agricultural publications will be pursued.



photo: J. Swab

All of the technicians of the Cataloging Branch input cataloging data for State publications into the OCLC system and indirectly into the NAL database. The records are accessible online through AGRICOLA, OCLC, and NAL's online catalog in its integrated system, ISIS. Here Idalia Acosta, Head of the Branch (left), discusses data entry with Annette Rojas (center), Joann Rector (right), and Verna Shen (seated at the OCLC computer terminal).

Agricultural Information Network

The State Agricultural Publications Program is an important cooperative venture enabling the National Agricultural Library and land-grant institutions to work together to ensure that materials produced by experiment stations and the extension service are controlled bibliographically and available for interlibrary loan. It will form one of the major cornerstones of the national agricultural information network. With the formation of the network and its advisory group, a forum will be available for land-grant and other agriculture-related libraries to offer direction to NAL about future cooperative programs which will benefit the entire agricultural community.

CONCLUSION

Since the early 1970's the National Agricultural Library has engaged in cooperative programs with land-grant institutions. The land-grant libraries acquire and retain the experiment station, extension service, and college of agriculture publications produced in their states, and provide reference and interlibrary loan service. In addition, selective backfiles of the publications of forty-six (46) states have been microfilmed. The most recent project, which expands the acquisition and cataloging of these materials, has already resulted in an increase in the number of individual titles NAL is processing as measured by the number of citations in AGRICOLA (3615 references in 1985, 5199 references in 1987, a 44% increase). The refinements recommended in this report will enhance a Program which has already proven its value. More than three billion dollars a year are being spent on agricultural research and applications. Clearly, the information resulting from an investment of this magnitude should be disseminated as widely as possible. The NAL/Land-Grant University State Agricultural Publications Program ensures both bibliographical and physical access to these important materials.

ELEANOR MATHEWS, VISITING SCHOLAR

Through a cooperative agreement with Iowa State University (ISU), Eleanor Mathews worked with the National Agricultural Library from April 5 to June 30, 1988, on the State Agricultural Publications Project. Ms. Mathews, who is an Information Services Librarian and Associate Professor at ISU in Ames, Iowa, examined NAL's processes in the acquisition, cataloging, and indexing of state agricultural publications, cooperative arrangements with the 42 land-grant universities participating in the project, and problems experienced by all participants. Before completing her stay at NAL, she made recommendations to improve the program and prepared reports for use of the participants and for publication. Ms. Mathews will continue her leadership role in this project in the future, and among other activities, plans to investigate thesis-handling practices in land-grant libraries in early 1989. Her article on this project



photo: J. Swab

ELEANOR MATHEWS

in this issue updates the one by Sarah Thomas, *ALIN* 12(2): 1-4, February 1986.

At ISU Ms. Mathews has been providing reference services in agriculture and related sciences since 1977, including literature searches, tours, presentations to staff and to undergraduate and graduate classes, and maintenance of the reference collection. Previously she had been the Government Documents Librarian at the Drake University Law Library in Des Moines for two years.

She earned her MA in library science at the University of Iowa, Iowa City, and her BA in biology at Wheaton College, Norton, Massachusetts. She has also done graduate work in botany at Iowa State. Ms. Mathews is active in the Association of College and Research Libraries, is a past chair of its Science and Technology Section, and is now a member of the Section's long range planning committee.

Ms. Mathews has published a number of professional works, including "When Tillage Begins, Other Arts Follow...A Core List of Agriculture Serials," *Serials Review*, 7(3):9-50, July-September 1981; "Agriculture," in *Magazines for Libraries*, 5th edition, by Bill Katz *et al*., New York: R. R. Bowker Co, 1986, pp. 69-75; and "Bibliographic Access to State Agricultural Experiment Station Publications, *IAALD Quarterly Bulletin*, 32(4):193-199, 1987. Another publication which she coauthored with Daniel R. Arrigona, "A Study of the Use of an Academic Library Reference Collection," will be published by *RQ* in its Fall 1988 issue. The 2nd edition of Ms. Mathews' *Directory of Iowa Organizations*, which covers organizations in all fields, is due out later in 1988.

Ms. Mathews' husband, Dr. Jerry Mathews is a Professor of Mathematics at Iowa State University. They have two grown sons. In her leisure time Ms. Mathews enjoys needlework, gardening, and traveling. She is currently planning a trip to Zimbabwe. She concluded this interview by saying, "I've really enjoyed my time here, meeting the people on the staff and working with them. It's interesting to observe the differences between a special library and an academic library. I was surprised to find 60% of NAL's collection comes in the form of gifts and exchange, and impressed with the amount of original cataloging, 50%, that is being done."



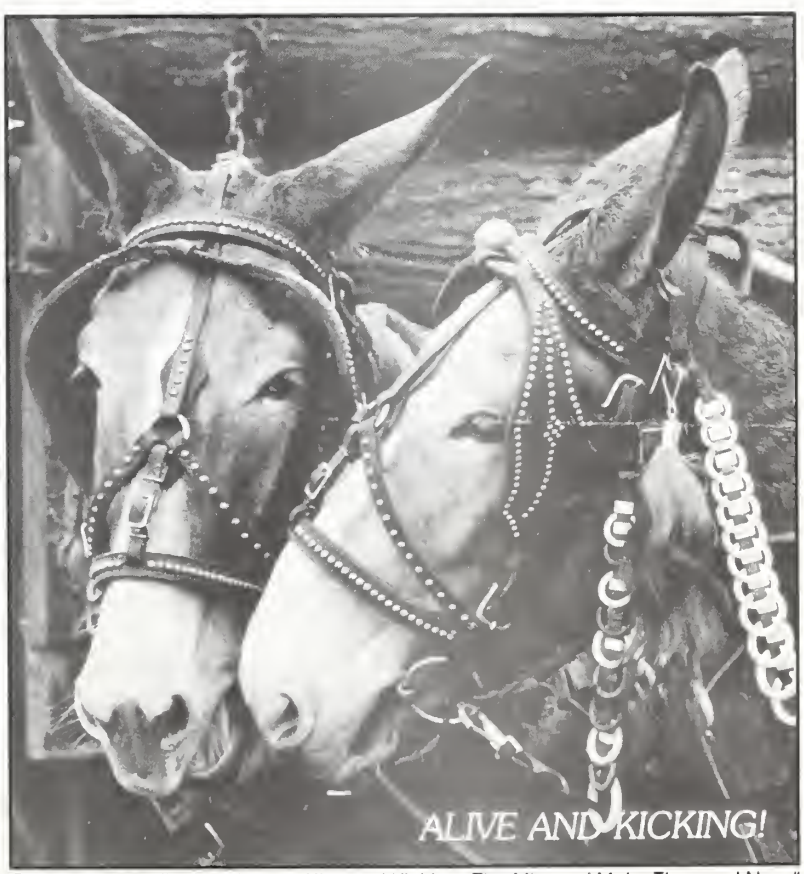
News Notes

MULES FEATURED AT EXHIBITION AND SYMPOSIUM

The National Agricultural Library (NAL) will feature an exhibit on the Missouri mule and its role in Missouri's cultural, social, and economic development from October 25 through December 31, 1988. On the opening day--National Mule Day--October 25, the Library will host a symposium on the mule, from 1:45 to 3:30 p.m. in room 1400. Following the symposium at 3:30 p.m., the sponsors will host an exhibit dedication ceremony and reception in the Lobby of the Library in Beltsville, Maryland.

Called "Alive and Kicking: The Missouri Mule Then and Now," the retrospective exhibition of photos, books, and artifacts was developed by the Missouri Cultural Heritage Center at the University of Missouri-Columbia and the

(See MULES, page 6, col. 1)



Cover of the exhibit brochure: "Alive and Kicking: The Missouri Mule, Then and Now."

(MULES, from page 5)

Missouri State Museum in the Department of Natural Resources. The symposium, developed by NAL to complement the exhibit, focuses on the mule's story, from its role in the history of rural life and the family to tall tales and bravado. The exhibition shares the research and documentation accumulated over five years by the University's Mule History Project.

It begins with the early development of the mule, explains the mule's daily use and economic significance in the early 20th century, and examines the influence and uses of the mule up to the present. From the cotton fields to the logging camps, from wilderness areas to coal mines, and from the battlefield of San Juan Hill to the peaks of the Khyber Pass, the Missouri mule "farmed our land, hauled our lumber, drained our swamps, took us to church and to war..." according to Melvin Bradley, Professor Emeritus, Department of Animal Science, University of Missouri-Columbia and research leader of the Missouri Mule History Project. Because of the mule's desirable traits--it ate less, lived longer, worked harder, was sure-footed, and possessed a steady, reliable temperament--this hardy animal quickly became an essential part of the westward movement and the emergence of new industries such as cotton farming and manufacture, coal and metals mining, and logging. These same qualities also made the mule well-suited for the rigors of warfare, and it was drafted for the Civil and Spanish-American Wars, World Wars I and II, and most recently the war in Afghanistan.

The exhibition will be open to the public from 8:00 a.m. to 4:30 p.m., except weekends and holidays, through December 31. The exhibition and opening day events are being jointly sponsored by the Missouri Cultural Heritage Center, the National Agricultural Library, and the Associates of the National Agricultural Library, Inc.

The National Agricultural Library is located at the intersection of U.S. Route 1 and Interstate 95 (Beltway Exit 25A-North), Beltsville, Maryland, 15 miles north of Washington, D.C. Visitor parking is accessible from either Route 1 or from Rhode Island Avenue. Bus transportation is available via Metro.

For more information, please contact:

Dr. Alan E. Fusonie
Curator, Special Collections
National Agricultural Library
10301 Baltimore Boulevard
Beltsville, MD 20705

Or call (301) 344-3876.
--Elizabeth Goldberg

SEE PAGE 14 FOR PRELIMINARY PROGRAMS FOR THE SYMPOSIUM & EXHIBIT DEDICATION.

NAL PROVIDES SELF-SERVICE SEARCHING OF CD-ROM PRODUCTS

NAL is offering self-service searching of databases on CD-ROM (compact disk-read only memory), free of charge, Monday-Friday from 8:00 a.m. to 4:30 p.m., at both the main Library in Beltsville, MD, and at the D. C. Reference Center (DCRC) in the USDA South Building, Washington, DC.

NAL subscribes to the compact disk versions of several bibliographic and statistical databases which have previously been available only in print or online formats. Available databases and locations are:

- --AGRICOLA (*AGRI*Cultural *On*Line *A*ccess): the NAL-produced computerized database of literature citations relating to all aspects of agriculture (NAL Reading Room and DCRC).
- --CRIS (*C*urrent *R*esearch *I*nformation *S*ervice): database of descriptions of current agricultural and forestry research projects of USDA and cooperating state institutions (NAL Reading Room and DCRC).
- --1982 Census of Agriculture: a database on compact disk containing United States agricultural statistics compiled by the U.S. Bureau of the Census (NAL Reading Room and DCRC).
- --Aquatic Sciences and Fisheries Abstracts: international database of citations and abstracts covering all aspects of aquatic organisms and their marine, freshwater or brackish environments (NAL Reading Room).
- --Books in Print PLUS: contains all the information from the *Books in Print* series--*Books in Print, Subject Guide to Books in Print, Supplement to Books in Print,*



Mules skidding logs to sawmill. Photo number 394809 from the Forest Service Photographs Collection at NAL. Taken by W. H. Shaffer. April 1940.

Forthcoming Books in Print, and *Children's Books in Print,* (NAL Reading Room).

Other databases on compact disk will be made available as they are acquired and suggestions for new CD-ROM products are welcome.

Online help screens guide the user through searching most of these products. In addition, NAL staff have provided brief printed user guides to assist the searcher. Search results may be printed at the workstation or may be downloaded onto user-provided floppy diskettes.

The Library also offers consulting services to USDA agencies interested in subscribing to CD-ROM products and setting up CD-ROM workstations at their facilities.

For further information on these services, contact:

Lee Decker
National Agricultural Library
Special Services Branch, Room 1402
Beltsville, Maryland 20705

Or call (301) 344-1212.

--Lee Decker

FEDERAL REGISTER RECEIVED VIA FM BROADCAST

The National Agricultural Library (NAL) is now receiving the *Federal Register* via FM radio broadcast at its DC Reference Center in the South Agriculture Building on 14th & Independence Avenue.

The NAL is one of six test sites receiving the *Register* as part of a pilot project sponsored by the Government Printing Office in conjunction with the Office of the Federal Register. The purpose of the project is to determine the feasibility and usefulness of disseminating the *Register* by FM radio frequency.

The *Federal Register* makes available to the public regulations and legal notices issued by Federal agencies. It is published daily, Monday through Friday except on official holidays, by the Office of the Federal Register.

During the test over the next few months, the complete text of the next day's *Register* will be broadcast to the Reference Center during the night, stored on a computer, and searched the next day using word processing and text scanning software. This process not only delivers the *Register* to the Center before a print copy can arrive in the mail, but also provides for keyword searching of the complete text of the *Register*.

The Reference Center is open to the public Monday - Friday from 8 a.m. to 4:30 p.m. For additional information contact:

DC Reference Center
of the National Agricultural Library
Room 1052 South Building
U.S. Department of Agriculture
14th & Independence Avenue, SW
Washington, DC 20250

Or call: (202) 447-3434.

--Susan Whitmore

NAL EXTENDS INTERLIBRARY LOAN SERVICES

The National Agricultural Library (NAL) recently expanded its lending services to other libraries to include receipt of interlibrary loan (ILL) requests via several electronic methods. In its national role, NAL has a unique responsibility to attempt to supply copies of agricultural publications not found elsewhere and to provide them in the most efficient manner possible. To help meet this challenge, NAL now offers libraries a number of electronic options for expediting interlibrary loan requests. Currently, NAL receives requests by OCLC and the following four electronic mail systems: ALANET (ALA1031 System 41); DIALCOM (NAL LENDING AGS3058 System 57); EASYLINK (62031265); and ONTYME (NAL/LB).

In addition to electronic mail, libraries may now send ILL requests to NAL via TWX/TELEX (710-828-0506 NAL LEND) and telefacsimile (301-344-3675). The National Library of Medicine (NLM) may also forward requests received via DOCLINE, NLM's electronic interlibrary loan system, directly to NAL, as long as they comply with NLM's routing and eligibility requirements.

In 1989, NAL plans to further expand electronic document service when it offers "Fill by Fax"--a telefacsimile delivery service to fill rush requests, when documents are needed faster than the mail can deliver them.

Most of the materials in the NAL collection are available by interlibrary loan through local, public, business, government, university, foreign, and other libraries. Libraries which are unable to fill requests may forward them to NAL. Loans requested from NAL must comply with the provisions of the National or International Interlibrary Code and Guidelines and there are also special procedures and formats for requesting documents electronically via the above systems.

For more information and a copy of the guidelines on how to request NAL documents electronically, please contact:

Lending Branch
National Agricultural Library
Beltsville, Maryland 20705

Or call (301) 344-3503.

--Carol Ditzler

INTERNATIONAL INTERACTIVE TELEVISION

The National Agricultural Library (NAL) recently was a major participant in a live, interactive television broadcast to Argentine librarians via the USIA satellite network, WorldNet. Mr. Sam Waters, Associate Director of NAL, shared the spotlight at the USIA studio with Dr. Trudi Bellardo, Associate Professor at the Catholic University of America, Graduate School of Library and Information Sci-

(See WORLDNET, page 8, col. 1)

(WORLDNET, from page 7)

ence. Argentine participants included Lidia Revello, Librarian for the National Institute of Agricultural Technology (INTA), Leonor Plate, Librarian for the Center of State and Society Studies (CEDES), and Abel Kleiman, Reference Librarian, Lincoln Center (USIS Library). Simultaneous translations barely delayed questions and answers.

The hour-long broadcast focused on the latest developments in information technology, from bibliographic to full-text and image files in electronic form, online and on CD-ROM. The impact of these technologies, including expert systems and intelligent gateways, on end-user searching and on the role of the librarian, were discussed. The U.S. participants left impressed with the level of knowledge and interest displayed by their Argentine counterparts, and the professional competence displayed by producer Peter Vaselopoulos and his colleagues at WorldNet.

--Samuel T. Waters

NAL TO HOST OPEN HOUSE DURING ALA MIDWINTER

In conjunction with the Midwinter Meeting of the American Library Association, the National Agricultural Library (NAL) and the agricultural libraries information network will jointly host an Open House, January 6, 1989, from 9:00 a.m. - 2:30 p.m. at NAL in Beltsville, Maryland. The program will be repeated on Wednesday, January 11. The Open House will feature tours, discussions, and demonstrations of optical and digital technologies with applications for storage of full-text publications and photographs and for interactive training. Other sessions to be offered will feature a range of topics from electronic access to NAL documents and information via bulletin board systems, online catalogs, and electronic mail to open discussions with coordinators of subject specialized information centers.

Complimentary bus transportation will be provided from the Sheraton Washington conference hotel. Registration is free; however, those interested in attending must register by December 1, 1988, in order to reserve lunch and transportation.

The National Agricultural Library is located at the intersection of U.S. Route 1 and Interstate Route 95 (Beltway Exit 25A-North), in Beltsville, Maryland, 15 miles north of Washington, DC. Visitor parking is accessible from either Route 1 or from Rhode Island Avenue. Bus transportation is available via Metro.

For further information and a copy of the registration form, please contact:

National Agricultural Library
Special Services Branch - Room 1402
10301 Baltimore Boulevard
Beltsville, Maryland 20705

Or call (301) 344-3875.

--Elizabeth Goldberg



New Bibliographies

QUICK BIBLIOGRAPHIES

The bibliographies listed below, although not technically in the *Quick Bibliography* series, have been produced in the same manner. Unless otherwise specified, citations are from AGRICOLA. Revisions or updates will be announced when produced. Only one copy of a requested title will be sent; however, requesters may make copies. To request a copy of a *Quick Bibliography,* circle the desired title(s) below and send your request with a self-addressed label to:

Information Centers Branch, Room 304
National Agricultural Library
10301 Baltimore Boulevard
Beltsville, MD 20705

Audio-visuals in the collections of the National Agricultural Library relating to Animal Welfare. Prepared by Kevin Engler and Janice Swanson. June 1988.

4hprk: Communication. A Professional Research and Knowledge Taxonomy for Youth Development. Prepared by Kathleen C. Hayes and Sandra L. Facinoli. September 1988.

4hprk: Educational Design. A Professional Research and Knowledge Taxonomy for Youth Development. Prepared by Kathleen C. Hayes and Sandra L. Facinoli. September 1988.

4hprk: Volunteerism. A Professional Research and Knowledge Taxonomy for Youth Development. Prepared by Kathleen C. Hayes and Sandra L. Facinoli. September 1988.

4hprk: Youth Development. A Professional Research and Knowledge Taxonomy for Youth Development. Prepared by Kathleen C. Hayes and Sandra L. Facinoli. September 1988.

4hprk: Youth Program Management. A Professional Research and Knowledge Taxonomy for Youth Development. Prepared by Kathleen C. Hayes and Sandra L. Facinoli. September 1988.

Training Materials in the collections of the National Agricultural Library relating to Animal Welfare. Prepared by Karen Clingerman and Janice Swanson. June 1988.

FOR A PRELIMINARY PROGRAM AND REGISTRATION FORM FOR NAL'S MIDWINTER OPEN HOUSE, SEE PAGES 15 & 16, AND FOR PROGRAMS FOR THE EXHIBIT DEDICATION & SYMPOSIUM ON MULES, SEE PAGE 14.



New Serials Received at NAL

Actes du....Congrès International du Froid. Rome: Sindacato italiana arti grafiche. Every four years. 5th (1928)-7th (1936).
TP490.I5

Annual Report Appendix for the Fiscal Year July 1...to June 30.../The Metropolitan Water District of Southern California. Los Angeles, CA: The District. a. 1975...1976-1979...1980.
TD224.C3M47

Annual Report for the Fiscal Year July 1...to June 30.../The Metropolitan Water District of Southern California. Los Angeles, CA: The District. a. 1980/81-
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TC521.5.V5R8

Anthrozoös. Hanover, NH: Published by University Press of New England for Delta Society. q. Vol. 1, no. 1 (summer 1987)-
SF411.A57

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412.629 Sv22

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QH541.5.S3B56

CIMMYT World Wheat Facts and Trends. Mèxico, D.F.: Centro Internacional de Mejoramiento de Maìz y Trigo. Rept. 3 (1985)-
HD9049.W3W6

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RB37.A1C5

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TS1582.C6

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66.8 L61

Forst und Holz. Hannover: M. & H. Schaper. Twenty-two per year. 43. Jahrg., 1 (10 Jan. 1988)-
SD1.F749

History and...Annual Report for the Period Ending June 30.../The Metropolitan Water District of Southern California. Los Angeles, CA: The District, 1st (1938).
292.9 M56

ISNAR Newsletter/International Service for National Agricultural Research. Hague, Netherlands: ISNAR. Vol. 1, no. 1 (Oct. 1984)-
S539.5.I57

JPRS Report. Science & Technology. Europe. [Arlington, VA?]: Foreign Broadcast Information Service; [Springfield, VA: National Technical Information Service, distributor]. irr. JPRS-EST-88-001 (10 May 1988)-
T1.J72

Kolkhozno-sovkhoznoe proizvodstvo Tadzhikistana. Dushanbe: Ministerstvo proizvodstva i zagotovok sel'skokhozíaistvennykh productov Tadzhikskoi SSR. m. Ianv. 1963-iun' 1965.
2O Se494

Monitoring the Future. Ann Arbor, MI: Survey Research Center, Institute for Social Research, University of Michigan. 1975-
HQ796.M6

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(See NEW SERIALS, page 10, col. 1)

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Publications Exchange

SERIAL GAPS

The National Agricultural Library identifies gaps in the national collection through collection maintenance activities and patron requests. We appreciate your donation of the following publications needed to complete collections. If you have questions, call Ruth Finnblade, Gift and Exchange Program, (301) 344-1207.

Send items to:

National Agricultural Library
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Beltsville, MD 20705

Biological Abstracts. Semi-Annual Cumulative Indexes. Vol. 73 (pt. 1), 1982; Vol. 75-78, (all pts.), 1983-84; Vol. 80 (all pts.), 1985.

Proceedings of the Annual Meeting. Oregon Essential Oil Growers League. 1981 (32) to present.

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Sudan Journal of Food Science and Technology. Vol. 14-18, 1982-86.

SURPLUS PUBLICATIONS

The National Agricultural Library will make available the following surplus publications to any interested organization that regularly sends free publications to NAL, including most Federal, land-grant, and agricultural research institutions as well as many others. Foreign institutions will need to provide a U.S. mailing address or make other special arrangements with U.S. sources for shipment of material. Listed titles may be requested up to six months following announcement.

If interested, please enclose an addressed label with your request and write to:

National Agricultural Library
Attn: Gift and Exchange/RF, Room 002
Beltsville, MD 20705

Or call Ruth Finnblade, (301) 344-1207.

Abstracts on Cassava. Vol. 1-13, 1976-87.

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Fundamental and Applied Toxicology. Vol. 4-5, 1984-85,

Journal of Cell Science. Vol. 2-9, 1967-71.

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Nutrition Abstracts and Reviews. Series A: Human and Experimental. Commonwealth Agricultural Bureaux. Vol. 53, 1983; 55-57, 1985-87.

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SURPLUS PUBLICATIONS IN RUSSIAN

Accounting and Bookkeeping in Automated Agricultural Management Systems. Moskva, 1984.

Arachnida Mites of the Caucasus. Baku, 1983.

Biogeocenosis and Pathology of Farm Animals. Moskva, 1985.

Chemistry of Wholesomeness and Flavor of Meat Products. Kiev, 1985.

Clinical Laboratory Diagnosis in Veterinary Practice. Moskva, 1985.

Directory of the Forest Research Institute in Warsaw. Warsaw, 1980.

Ecological, Coenological and Geographic Peculiarities of Plant Life. Moskva, 1983.

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Frost Resistance in Plants Under the Conditions of Frozen Ground Cover Lasting Many Years. Novosibirsk, 1982.

Handbook on High-speed Agricultural Technology. Moskva, 1983.

Herbicides and Mineral Nutrition of Plants. Kiev, 1983.

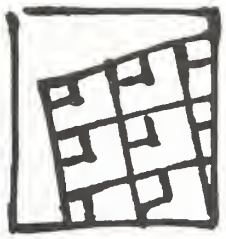
The Influence of Agrometeorological Conditions upon Performance of Agricultural Machines and Implements. Leningrad, 1983.

Intensive Development of the Agro-industrial Complex. Moskva, 1987.

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A Stable Feed Base for Every Farm. Saransk, 1984.





Agriculture Datebook

October 9-12: International Agribusiness Forum/Annual Meeting of the American Society of Agricultural Consultants. Minneapolis, MN; Marriott Minneapolis City Center Hotel. Contact: ASAC, Enterprise Center, 8301 Greensboro Dr., Suite 260, McLean, VA 22101.

October 9-12: National Frozen Food Convention. Chicago, IL; Hyatt Regency. Contact: (717) 534-1601.

October 9-13: American Association of Cereal Chemists Annual Meeting. San Diego, CA. Contact: (202) 447-4256.

October 11-16: National Conference on Agriscience and Emerging Occupations/Technologies. Lake Buena Vista, FL; Grosvenor Resort Hotel. Contact: The Council, P.O. Box 15035, Alexandria, VA 22309.

October 12-14: National Broiler Council Annual Conference & Board of Directors Meeting. Washington, DC.; Loew L'Enfant Plaza. Contact: NBC, (202) 296-2622.

October 12-14: Agricultural Research Institute Annual Meeting. Washington, DC. Contact: Carol Riley. (301) 530-7122.

October 13: World Meat Congress. Paris, France. Contact: (202) 447-3935.

October 13-14: American Agricultural Law Association. 9th Annual Meeting & Educational Conference. Kansas City, MO; Westin Crown Center. Contact: Philip Kunkel, P.O. Box 966, St. Cloud, MN 56302.

October 13-15: National Hay Association Convention. Boise, ID; Red Lion Riverside. Contact: Carol Gates, P.O. Box 1059, Jackson, MI 49204.

October 16-18: Texas Seed Trade Association 1988 Convention. San Antonio, TX. Contact: Don Ator, Executive Vice President, Texas Seed Trade Association, 6448 Hwy 290 E., Suite D-100, Austin, TX 78723.

October 16-19: National Feed Ingredients Association Annual Convention. New Orleans, LA, Hyatt Regency. Contact: NFIA, (515) 225-9611.

October 16-20: National Safety Council Congress & Exposition. Orlando, FL. Contact: NSC, 444 N. Michigan Ave., Chicago, IL 60611.

October 17-19: Biotechnology & Food Quality Symposium. College Park, MD; University of Maryland. Contact: Dr. Shain-Dow Kung, Center for Agricultural Biotechnology, Room 1234, H. J. Patterson Hall, University of Maryland, College Park, MD 20742. (301) 454-6056.

October 18: Conference for Food Protection. Orlando, FL. Contact: (202) 447-4256.

October 18-20: Sunbelt Agricultural Exposition. Moultrie, GA; Spence Field. Contact: Sunbelt Ag Expo, P.O. Box 1209, Tifton, GA 31793.

October 20-23: Expo Agricola '88. Los Mochis, Sinaloa, Mexico. Contact: Charles Crowley, Project Mgr., U.S. Trade Center, Mexico City, P.O. Box 3087, Laredo, TX 78044.

(See DATEBOOK, page 15, col. 1)

LUNCHEON FOR RETIRED NAL EMPLOYEES

Recently the National Agricultural Library, with the support of the Associates of NAL, Inc., held a luncheon for retired NAL employees, sixteen of whom attended. Twenty-two current NAL staff members joined in welcoming their retired colleagues and in having lunch with them. The Library intends to make this an annual event to renew relationships with retired staff, to inform them about current Library activities, and to create opportunities for the Library to benefit from their knowledge and experience.



(Above) retired NAL staff at the table in the foreground are Dorothy Detrick (wearing a hat) and Edna Liu, while at the right end of the table beyond is Leila Moran and to her right is Spurgeon Terry. Also seen are (L-R) staff members Jayne MacLean, Sarah Thomas, and Jennie Brogdon.



(Above) Retired staff (seated L-R) are Carl Younger, Richard Adams, William Norfleet, and (standing 2nd from left) Spurgeon Terry. Also seen are (L-R) Mary Silva, Samuel Waters, and Jesse Ostroff.

The photographs of retired NAL employees on these two pages were taken by Daniel Starr.

(Below left) Retired staff member Dean Gamble talks with Joe Howard.

(Below right) Retired NAL employees Robert Birch and Richard Hart.







Cornelius McKissick



Isaac Sams



Leon Glasco

RETIRED NAL STAFF



Stafford Jones accompanied by Mrs. Jones.

(Below) William Yagodich



(Below) Earl Wallace



THE AMERICAN MULE: YESTERDAY AND TODAY

OCTOBER 25, 1988

Room 1400, National Agricultural Library

1:45	Welcome: Joseph H. Howard, Director, NAL
1:50 - 2:00	Introduction by Commenting Chairman: Wayne Rasmussen, Historian, ERS, USDA
2:00 - 2:30	Alive and Kicking: The Missouri Mule Then and Now Speaker: Howard Marshall, Director of the Missouri Cultural Heritage Center, University of Missouri-Columbia
2:30 - 2:45	Missouri Mule History Project. Speaker: Melvin Bradley, Professor Emeritus, Department of Animal Science, Department of Agriculture, University of Missouri-Columbia
2:45 - 3:00	American Mules in Afghanistan: A Mule Dealer Perspective. Speaker: Hub Reese Jr., Worlds Largest Mule Dealer, Gallatin, Tennessee
3:00 - 3:15	Break
3:15 - 3:30	Brother Hee and Haw and the American Mule: Reality and Humor Remembered. Speakers: Alan Fusonie, Historian and Head of Special Collections, NAL and Howard Kerr, Executive Director of Small Farms Resource Development, USDA
3:30 - 4:30	Formal Exhibit Opening in NAL Lobby

RSVP Alan Fusonie
(301) 344-3876

ALIVE AND KICKING: THE MISSOURI MULE THEN AND NOW

A Retrospective Exhibit of Photos, Books, and Artifacts

National Agricultural Library
Beltsville, Maryland

October 25-December 25, 1988

Dedication Ceremony
October 25, 3:30 p.m.
Lobby, National Agricultural Library Building
Beltsville, Maryland

MASTER OF CEREMONIES	Alan Fusonie, Historian and Head of Special Collections, National Agricultural Library
WELCOME:	Joseph H. Howard, Director, National Agricultural Library
KEYNOTE REMARKS:	Dr. Howard Marshall, Director, Missouri Cultural Heritage Center, University of Missouri-Columbia
	Joseph Gottfried, President, Missouri State Society
	Dr. Wayne Rasmussen, Historian, Economic Research Service, United States Department of Agriculture
CONCLUDING REMARKS:	Alan Fusonie

Refreshments and music will follow ceremony.

RSVP Alan Fusonie
(301) 344-3876

(DATEBOOK, from page 11)

October 23: National Meat Canners Association Meeting. Washington, DC. Contact: NMCA, (703) 841-2400.

October 23-26: American Feed Industry Association Midwest Convention. Kansas City, MO; Alameda Plaza. Contact: AFIA, (703) 524-0810.

October 23-26: First National Symposium on New Crops Research, Development, Economics. Indianapolis, IN: Adam's Mark Hotel. Contact: Jules Janick or James Simon, Purdue University, Dept. of Horticulture, West Lafayette, IN 47907. (317) 494-1329.

October 23-26: Southern Agricultural Chemicals Association Annual Convention. Asheville, NC; Grove Park Inn. Contact: SACA, P.O. Box 686, Dawson, GA 31742.

October 23-27: Farm Equipment Manufacturers Association Annual Meeting. Reno, NV. Contact: FEMA, St. Louis, MO, (314) 991-0702.

October 23-27: ASIS Annual Meeting. Atlanta, GA. Contact: American Society for Information Science, 1424 16th St., N.W., Suite 404, Washington, DC 20036. Tel.: (202) 462-1000.

October 26-27: Joint Council on Food and Agricultural Sciences. Orlando, FL. Contact: Larry Miller, Joint Council on Food & Agricultural Science, Secretariat, Rm. 321A, Administration, USDA, Washington, DC 20250. (202) 447-8662.

October 26-28: National Association of Meal Programs 14th Annual Training Conference. St. Louis, MO; Adam's Mark Hotel. Contact: Beth Landon, (202) 547-6157.

October 27-28: North American Plant Health Organization Medfly Meeting. Honolulu, HI. Contact: (202) 447-4256.

October 30-November 1: American Agricultural Editors' Association's Annual Meeting. St. Louis, MO. Contact: (202) 785-6710.

October 30-November 4: National Association of Meat Purveyers 46th Annual Convention. Monterey, CA; Hyatt Regency. Contact: (703) 827-5754

October 31-November 4: CGIAR International Centers Week. Washington, DC. Contact: CGIAR, 1800 H Street, NW, Washington, D.C. 20433. (202) 334-8021.

November 1-5: National Renderers Association Annual Convention. Palm Springs, CA. Contact: NRA, (312) 827-8151.

November 3-4: Western States Meat Association Meat Processing Conference. San Francisco, CA. Contact: WSMA, (415) 763-1533.

November 4-6: Western States Meat Assn. Convention, Exposition, Food Products Show. San Francisco, CA. Contact: WSMA, (415) 763-1533.

November 6: Symposium on Nonpoint Pollution. Milwaukee, WI. Contact: (202) 447-8885.

November 6-10: National Association of Extension 4-H Agents Annual Meeting. Minneapolis, MN. Contact: (316) 275-9164 (Garden City, KS).

November 6-12: National Farm Broadcasters Week.

November 9-11: The First National Cholesterol Conference. Arlington, VA; Hyatt Regency Crystal City. Contact: (301) 951-3275.

National Agricultural Library

NAL Midwinter Open House

PRELIMINARY PROGRAM

Friday, January 6 and Wednesday, January 11, 1989

8:00 Bus Leaves Sheraton Washington Conference Hotel for National Agricultural Library

8:45 - 9:15 Coffee and Danish, Room 1400, NAL Building

9:15 - 9:30 **Welcome,** Joseph H. Howard, Director, NAL

9:30 - 10:00 **Agricultural Libraries Information Network,** Meeting. Nancy Eaton, Network President

10:00 - 11:00 **What Should the New Network Be?** An open discussion with Network Officers

11:00 - 12:00 **CONCURRENT SESSIONS**

Session A **New Technology Demonstrations:**
Forest Service and USDA Photo Collection Laser Videodiscs (Photos on Optical Disc)
Laser II Laser Videodisc (Full-text and Graphics)
The National Agricultural Text Digitizing Project
AGRICOLearn (Interactive Optical Training Disc)

Session B **Document Delivery Discussion Group**
Topic: Electronic Access to NAL Documents
Moderator: Carol Ditzler, Head, Lending Branch, NAL

Session C **Information Centers Discussion Group**
Open Discussions with NAL Information Center Coordinators
Moderator: Robyn Frank, Head, Information Centers Branch, NAL

Session D **Technical Services Discussion Group**
Topic: Update On Scanning Methodologies
Moderator: Sarah Thomas, Chief, Technical Services, NAL

Session E **ISIS: Overview and Demonstration of NAL's Integrated Library System**
Lee Decker, Coordinator, Education and Training Unit, NAL, and
Roberta Rand, ISIS Coordinator, Information Systems Division, NAL

Session F **ALF: Overview and Demonstration of NAL's Bulletin Board System**
Maria Pisa, System Operator, and Acting Head, Reference Branch, NAL, and
Karl Schneider, System Operator, and Reference Librarian, NAL

12:00 - 1:00 **LUNCH** on 14th Floor Veranda. Fee: $9.00

1:00 - 2:00 **CONCURRENT SESSIONS (11:00 A.M. Sessions Repeated)**

2:00 - 2:30 **Free Time** - Tour of NAL (Meet in Lobby)

2:30 **Bus Returns to Sheraton Washington**

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National Agricultural Library

REGISTRATION FORM

NAL Midwinter Open House
January 6 and 11, 1989
National Agricultural Library
Beltsville, Maryland

Name:_____Telephone:_____
Title:_____
Organization Name:_____
Organization Address:_____
_____

Date Attending Open House: 1/6/89____ 1/11/89____
Need Bus Transportation: yes_____ no_____
Will Be Staying for Lunch: yes_____ no_____
Interested in Attending Program: A___ B___ C___ D___ E___ F___ (select 2)
Other Interests at NAL:_____
_____

Return Registration Form by December 1, 1988 to:

National Agricultural Library
Special Services Branch - Room 1402
10301 Baltimore Boulevard
Beltsville, Maryland

For further information, call: (301) 344-3875

Bus Information: Complimentary bus service to Beltsville, Maryland will be provided from the Sheraton Washington conference hotel.

Lunch Information: Lunch will be provided by the Associates of the National Agricultural Library for a fee of $9.00, payable at the door. Please indicate on the form above if you wish to make a reservation for lunch.

clip or xerox the above registration form and mail to the address indicated by December 1.

AGRICULTURAL LIBRARIES INFORMATION NOTES

(ISSN 0095-2699)

provides a channel of communication to technical information specialists, librarians, extension workers, researchers, and scientists on agricultural information activities.

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